

CLAIM AMENDMENTS

1 1. (currently amended) A system for installing a
2 powered device in a downhole tube, the system comprising:

3 a power line disposed along a production tube and
4 terminating in a first power connector; [[,]]

5 orientation means disposed in the vicinity of the first
6 power connector; [[, and]]

7 a powered device including a second power connector, the
8 powered device being lowered down the production tube and oriented
9 by the orientation means so that the first power connector means
10 and second power connector means engage to connect the powered
11 device to the power line; and

12 alignment means supporting the first power connector and
13 moving the first power connector from a first unaligned position to
14 a second aligned position as the first power connector descends
15 toward it so that the first power connector and the second power
16 connector engage to connect the powered device to the power line.

2. (canceled)

1 3. (previously presented) A system for installing a
2 powered device in a downhole tube, the system comprising a power
3 line disposed along a production tube and terminating in a first
4 power connector, the powered device being down the production tube,

5 the first power connector being supported by an alignment means
6 that moves the first power connector from a first unaligned
7 position to a second aligned position as the power connector
8 descends toward it so that the first power connector means and
9 second power connector means engage to connect the powered device
10 to the power line.

1 4. (currently amended) The system according to claim 3
2 wherein the aligned position ~~may be~~ is closer to a center of a bore
3 holding the powered device than the unaligned position.

1 5. (currently amended) The [[A]] system according to
2 claim 4 wherein a sleeve is provided with a cam surface shaped to
3 orient the powered device.

1 6. (previously presented) The system according to claim
2 5 wherein the sleeve includes a keyway to move the first connection
3 means toward the center of the bore.

1 7. (previously presented) A system for installing a
2 powered device in a downhole tube, the system comprising
3 a power line disposed along a production tube,
4 terminating in a first power connector, the powered device
5 including a second power connector, and

6 means for radially aligning one or both of the connectors
7 as the powered tool is lowered such that the connectors are aligned
8 for engagement.

1 8. (previously presented) The system according to claim
2 7 wherein the second power connector is radially displaced when
3 aligned by the alignment means.

9 - 21. (canceled)

1 22. (currently amended) A system for installing a
2 powered device in a downhole tube, the system comprising:

3 a power line disposed along a production tube,
4 terminating in a power connector or contact; [[,]]

5 a powered device toolstring [[being]] down the tube and
6 having a corresponding power connector or contact; [[,]]

7 means for aligning the two connectors or contacts as the
8 connector or contact of the line approaches the connector or
9 contact of the toolstring; and

10 means for fitting together the two connectors or contacts
11 such that they make electrical connection when the powered device
12 toolstring is located adjacent to the power connector or contact of
13 the production tube.

1 23. (previously presented) The system according to
2 claim 22 wherein at least one of the power connectors or contacts
3 is annular.

1 24. (previously presented) The system according to
2 claim 22 wherein a protective element is adjacent to the power
3 connector or contact of the production tube, the protective element
4 being displaceable by the powered device toolstring to expose the
5 power connector or contact of the production tube.

25. (canceled)